Abstract

Many people consider "CLOUD" as the buzzword for internet and utility computing, but this innovative paradigm of computing is imparting new designs of computing platforms. Being a pool of ample of resources, cloud computing allows the access to the users through internet. It has greatly emerged as a computing standard where the computing infrastructure is served as internet services and has made an effective change in the way of computation and services for its customers. There is a need of such a cloud which doesn’t compromise with any of the following: Integrity, reliability, flexibility and elasticity, and ensure security for storing and transmitting the data. In cloud, the user’s data is stored tenuously and they have no control over it, so security issues have always been dilemma here. In this paper, we have proposed a new practical approach to secure the cloud environment for data storage by blending authentication with hashing and encryption algorithm. We aim to develop a secure cloud environment which ensures the standards of user and data authentication, data confidentiality and user oriented access control.

References
An Approach for Ensuring Security in Cloud Environment


Index Terms

Computer Science     Distributed Systems

Keywords

User and data authentication    data confidentiality    user based access control.